```
============================================================
Sequence Listing was accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Keisha Douglas
Timestamp: [year=2008; month=10; day=2; hr=13; min=45; sec=35; ms=887; ]
============================================================
```

Application No: 10540305   Version No: 2.0

Input Set:

Output Set:

Started: 2008-09-02 15:25:03.840
Finished: 2008-09-02 15:25:05.857
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 17 ms
Total Warnings: 16
Total Errors: 0
No. of SeqIDs Defined: 16
Actual SeqID Count: 16

Error code   Error Description

W   402   Undefined organism found in <213> in SEQ ID (1)

W   402   Undefined organism found in <213> in SEQ ID (2)

W   402   Undefined organism found in <213> in SEQ ID (3)

W   402   Undefined organism found in <213> in SEQ ID (4)

W   402   Undefined organism found in <213> in SEQ ID (5)

W   402   Undefined organism found in <213> in SEQ ID (6)

W   402   Undefined organism found in <213> in SEQ ID (7)

W   402   Undefined organism found in <213> in SEQ ID (8)

W   402   Undefined organism found in <213> in SEQ ID (9)

W   402   Undefined organism found in <213> in SEQ ID (10)

W   402   Undefined organism found in <213> in SEQ ID (11)

W   402   Undefined organism found in <213> in SEQ ID (12)

W   402   Undefined organism found in <213> in SEQ ID (13)

W   402   Undefined organism found in <213> in SEQ ID (14)

W   402   Undefined organism found in <213> in SEQ ID (15)

W   402   Undefined organism found in <213> in SEQ ID (16)

<110> Kerek, Franz

<120> PEPTIDES WITH HIGH CYSTEINE CONTENT

<130> DOR-P01088WO

<140> 10540305
<141> 2005-12-19

<160> 16

<170> PatentIn version 3.3

<210> 1
<211> 46
<212> PRT
<213> Helleborus purpurascens

<400> 1

```
Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Asn Gly Cys
1               5                   10                  15


Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp Cys
            20                  25                  30


Ile His Val Thr Thr Thr Thr Cys Pro Ser Ser His Pro Ser
            35                  40                  45
```

<210> 2
<211> 46
<212> PRT
<213> Helleborus purpurascens

<400> 2

```
Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Asn Ala Cys
1               5                   10                  15


Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp Cys
            20                  25                  30


Ile His Val Thr Thr Thr Thr Cys Pro Ser Ser His Pro Ser
            35                  40                  45
```

<210> 3
<211> 46
<212> PRT
<213> Helleborus purpurascens

<400> 3

Lys Ser Cys Cys Arg Asn Thr Leu Ala Arg Asn Cys Tyr Asn Ala Cys
1   5   10   15

Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp Cys
            20   25   30

Ile His Val Thr Thr Thr Thr Cys Pro Ser Ser His Pro Ser
        35   40   45

<210>   4
<211>   46
<212>   PRT
<213>   Helleborus purpurascens

<400>   4

Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Asn Ala Cys
1   5   10   15

Arg Leu Pro Gly Thr Pro Gln Pro Thr Cys Ala Thr Leu Cys Asp Cys
            20   25   30

Ile His Val Thr Thr Pro Thr Cys Pro Ser Ser His Pro Arg
        35   40   45

<210>   5
<211>   46
<212>   PRT
<213>   Helleborus purpurascens

<400>   5

Lys Ser Cys Cys Arg Asn Thr Leu Ala Arg Asn Cys Tyr Asn Ala Cys
1   5   10   15

Arg Phe Thr Gly Thr Ser Gln Pro Tyr Cys Ala Arg Leu Cys Asp Cys
            20   25   30

Ile His Val Thr Thr Pro Thr Cys Pro Ser Ser His Pro Arg
        35   40   45

<210>   6
<211>   46
<212>   PRT
<213>   Helleborus purpurascens

<400> 6

Lys Ser Cys Cys Arg Asn Thr Leu Ala Arg Asn Cys Tyr Asn Ala Cys
1   5   10   15

Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Ala Thr Leu Cys Asp Cys
            20   25   30

Ile His Val Thr Thr Pro Thr Cys Pro Ser Ser His Pro Arg
        35   40   45

<210>   7
<211>   46
<212>   PRT
<213>   Helleborus purpurascens

<400>   7

Lys Ser Cys Cys Arg Asn Thr Leu Ala Arg Asn Cys Tyr Asn Val Cys
1   5   10   15

Arg Phe Gly Gly Gly Ser Gln Ala Tyr Cys Ala Arg Phe Cys Asp Cys
            20   25   30

Ile His Val Thr Thr Ser Thr Cys Pro Ser Ser His Pro Ser
        35   40   45

<210>   8
<211>   46
<212>   PRT
<213>   Helleborus purpurascens

<400>   8

Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Asn Ala Cys
1   5   10   15

Arg Leu Thr Gly Thr Ser Gln Ala Thr Cys Ala Thr Leu Cys Asp Cys
            20   25   30

Ile His Val Thr Ala Thr Thr Cys Arg Pro Pro Tyr Pro Ser
        35   40   45

<210>   9
<211>   46
<212>   PRT
<213>   Helleborus purpurascens

<400> 9

Lys Ser Cys Cys Arg Asn Thr Leu Ala Arg Asn Cys Tyr Asn Ala Cys
1   5   10   15

Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Ile Leu Cys Asp Cys
            20   25   30

Ile His Val Thr Thr Thr Thr Cys Pro Ser Ser His Pro Ser
        35   40   45

<210>   10
<211>   48
<212>   PRT
<213>   Helleborus purpurascens

<400>   10

Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Ala Ala Cys
1   5   10   15

Arg Leu Thr Gly Leu Phe Ser Gln Glu Gln Cys Ala Arg Leu Cys Asp
            20   25   30

Cys Ile Thr Val Thr Thr Pro Thr Pro Cys Pro Arg Thr His Pro Ser
        35   40   45

<210>   11
<211>   48
<212>   PRT
<213>   Helleborus purpurascens

<400>   11

Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Ala Ala Cys
1   5   10   15

Arg Leu Thr Gly Thr Phe Ser Gln Glu Gln Cys Ala Arg Leu Cys Asp
            20   25   30

Cys Ile Thr Val Thr Thr Pro Thr Pro Cys Pro Arg Thr His Pro Ser
        35   40   45

<210>   12
<211>   46
<212>   PRT
<213>   Helleborus purpurascens

<220>
<221> misc_feature
<222> (1)..(2)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (5)..(11)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (13)..(15)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (17)..(22)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (24)..(25)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (27)..(29)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (31)..(31)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (33)..(39)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (41)..(46)
<223> Xaa can be any naturally occurring amino acid

<400> 12

Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys
1   5   10   15

Xaa Xaa Xaa Xaa Xaa Xaa Gln Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Cys
            20   25   30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
      35   40   45

<210> 13
<211> 46
<212> PRT
<213> Helleborus purpurascens

<220>
<221> misc_feature
<222> (1)..(2)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (5)..(11)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (13)..(15)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (17)..(25)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (27)..(29)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (31)..(31)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (33)..(36)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (38)..(39)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (41)..(46)
<223> Xaa can be any naturally occurring amino acid

<400> 13

Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys
1   5   10   15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Cys
          20   25   30

Xaa Xaa Xaa Xaa Thr Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
        35   40   45

<210>   14
<211>   48
<212>   PRT
<213>   Helleborus purpurascens

<220>
<221>   misc_feature
<222>   (1)..(2)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (5)..(11)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (13)..(15)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (17)..(26)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (28)..(30)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (32)..(32)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (34)..(41)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (43)..(48)
<223>   Xaa can be any naturally occurring amino acid

<400> 14

Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys
1   5   10   15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa
            20   25   30

Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
        35   40   45

<210>   15
<211>   47
<212>   PRT
<213>   Helleborus purpurascens

<220>
<221>   misc_feature
<222>   (1)..(2)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (5)..(11)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (13)..(15)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (17)..(25)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (27)..(29)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (31)..(31)
<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (33)..(40)
<223>   Xaa can be any naturally occurring amino acid

<220>

<221> misc_feature
<222> (42)..(47)
<223> Xaa can be any naturally occurring amino acid

<400> 15

Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys
1   5   10   15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Cys
            20   25   30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
        35   40   45

<210> 16
<211> 46
<212> PRT
<213> Helleborus purpurascens

<220>
<221> misc_feature
<222> (1)..(2)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (5)..(11)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (13)..(15)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (17)..(25)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (27)..(29)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (31)..(31)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (33)..(39)

<223>   Xaa can be any naturally occurring amino acid

<220>
<221>   misc_feature
<222>   (41)..(46)
<223>   Xaa can be any naturally occurring amino acid

<400>   16

Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys
1   5   10   15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Cys
            20   25   30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
        35   40   45